

New Application

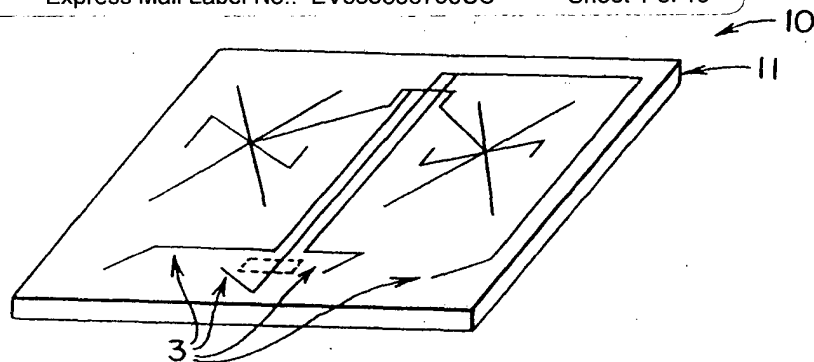
Assignee: Teragenics, Inc.

Docket No.: TGZ-001ACP2

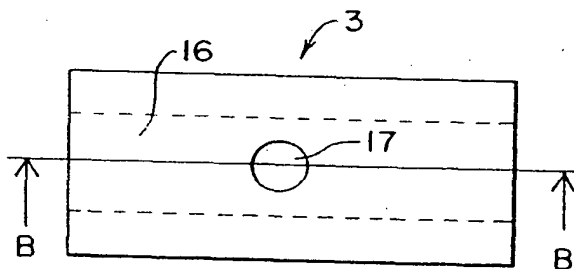
Title: Microfluidic System Including a Virtual Wall Fluid Interfacing  
Fluids with the Microfluidic System

Express Mail Label No.: EV355386750US

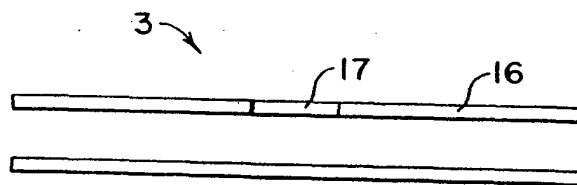
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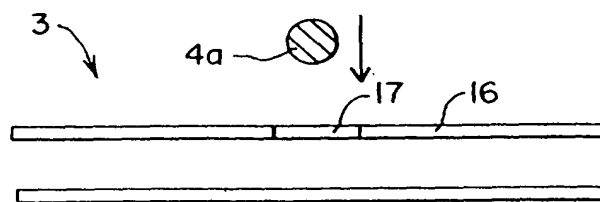
**FIG. 1**



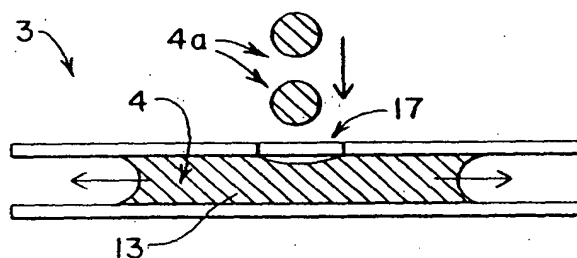
**FIG. 2A**



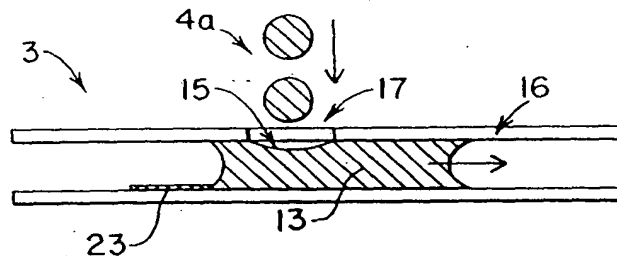
**FIG. 2B**



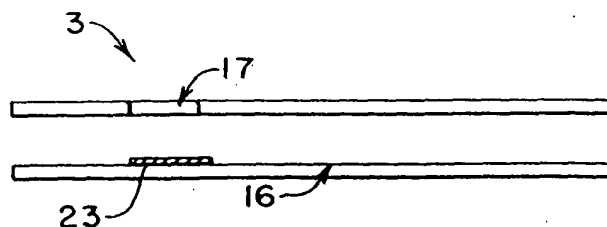
**FIG. 3A**



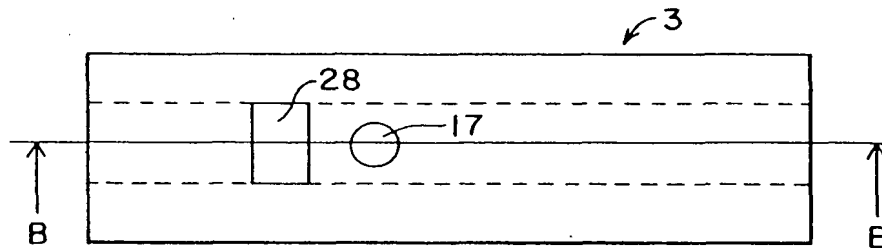
**FIG. 3B**



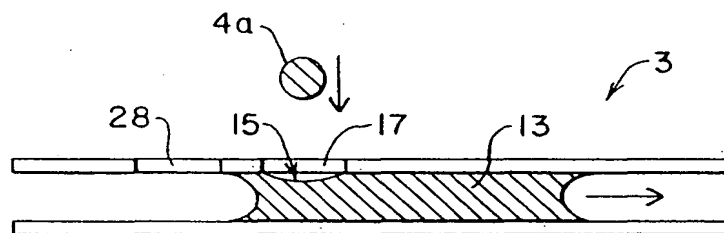
**FIG. 4A**



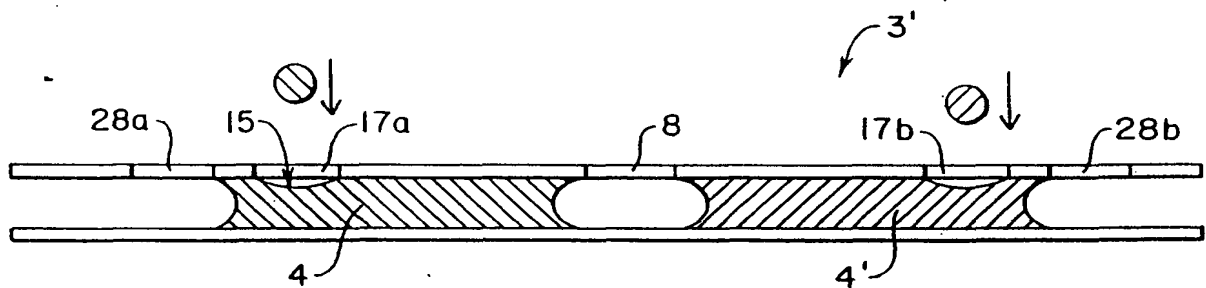
**FIG. 4B**



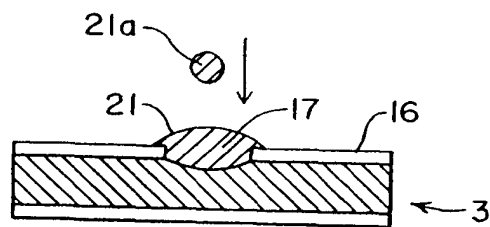
*FIG. 5A*



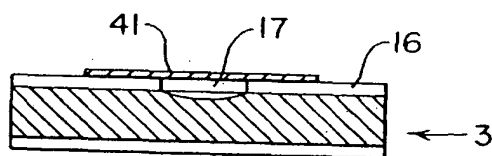
*FIG. 5B*



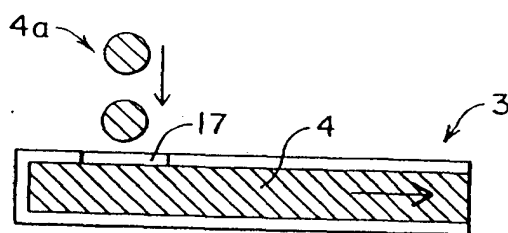
*FIG. 6*



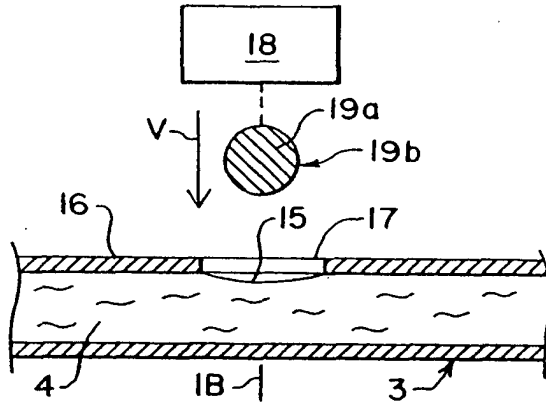
**FIG. 7A**



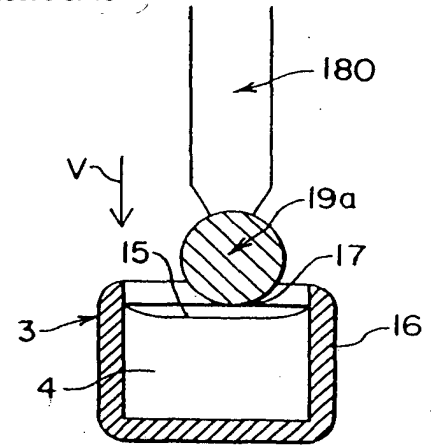
**FIG. 7B**



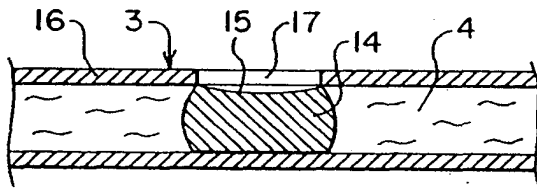
**FIG. 8**



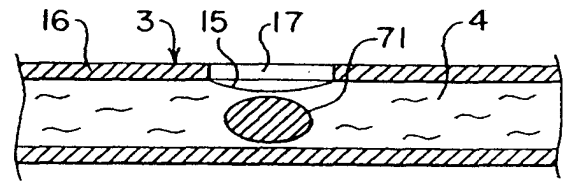
**FIG. 9A**



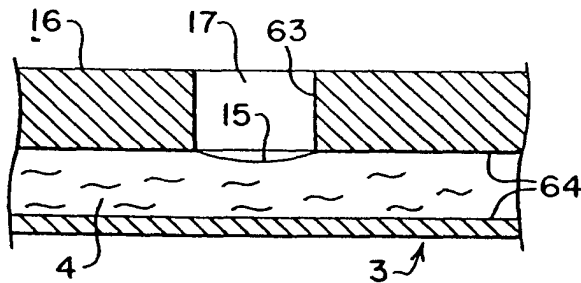
**FIG. 9B**



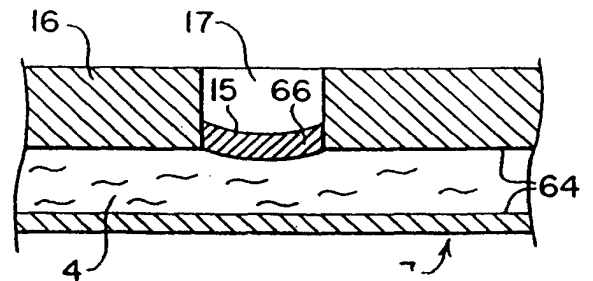
**FIG. 9C**



**FIG. 9D**



**FIG. 9E**



**FIG. 9F**

New Application

Assignee: Teragenics, Inc.

Docket No.: TGZ-001ACP2

Title: *Microfluidic System Including a Virtual Wall Fluid Interfacing  
Fluids with the Microfluidic System*

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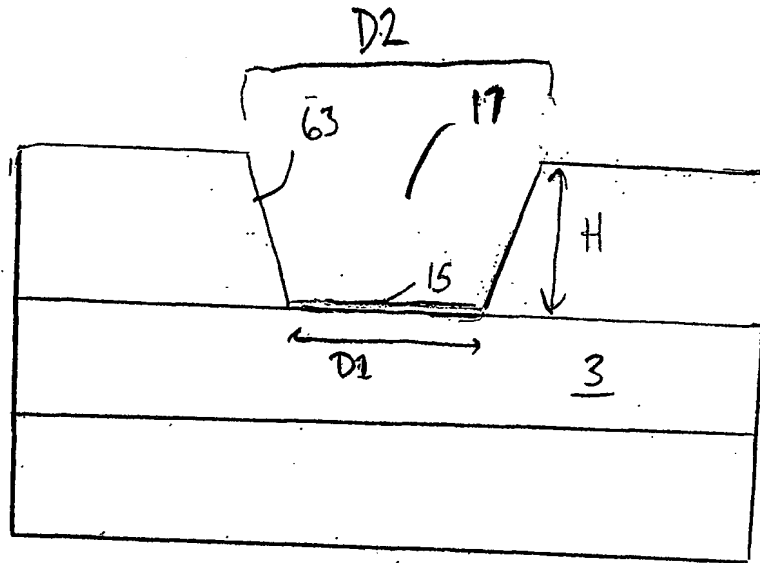
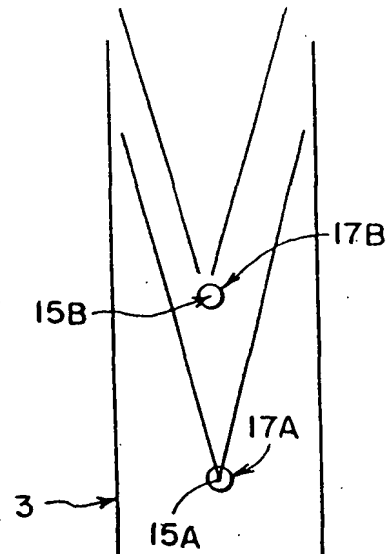
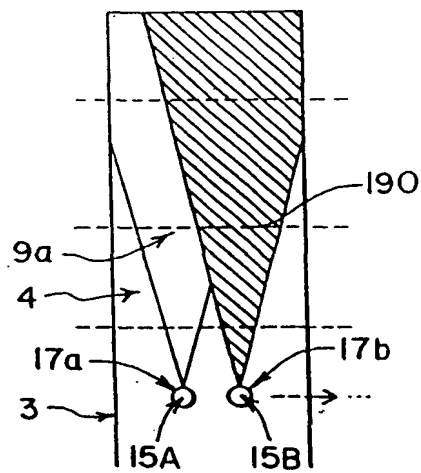
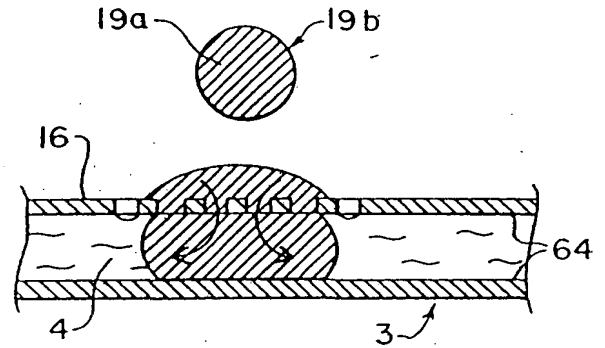
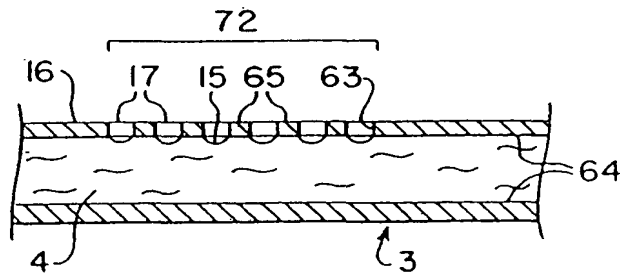
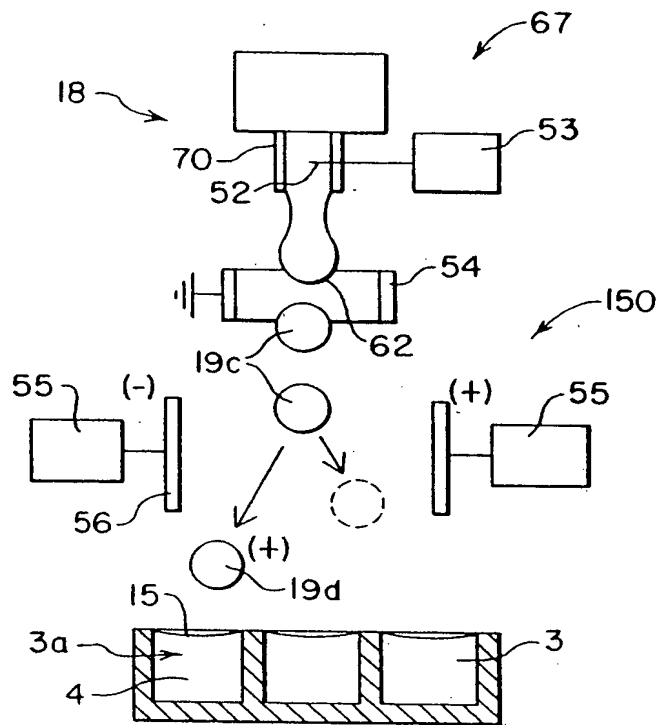


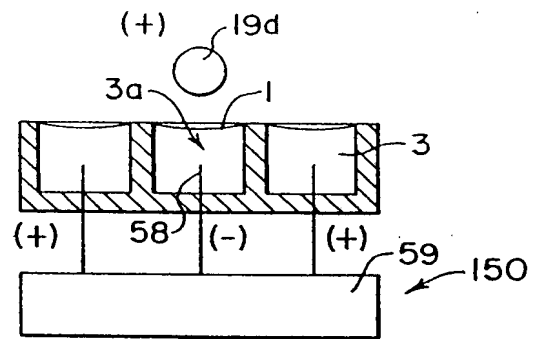
FIG 9F



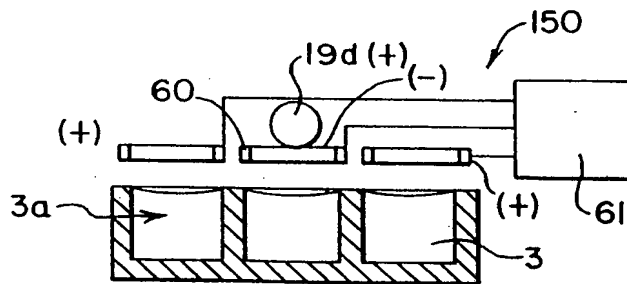
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**FIG. 11A**

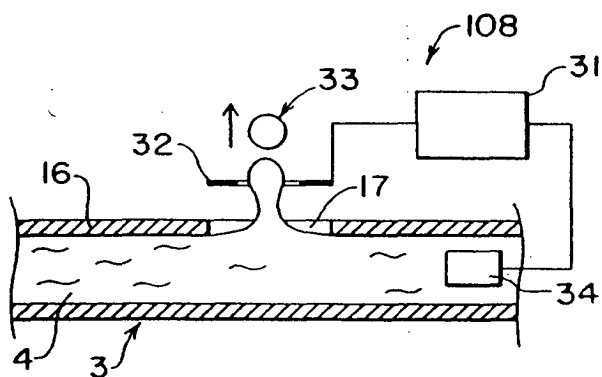


**FIG. 11B**

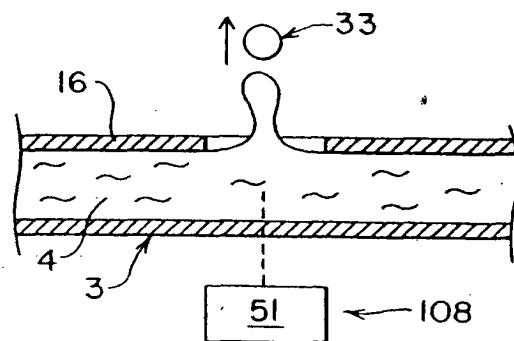


**FIG. 11C**

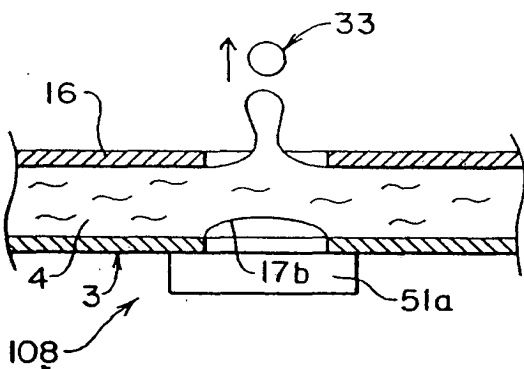




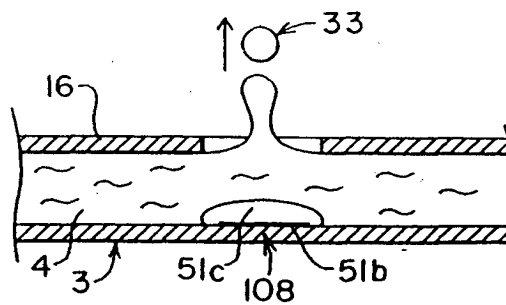
**FIG. 12A**



**FIG. 12B**



**FIG. 12C**



**FIG. 12D**

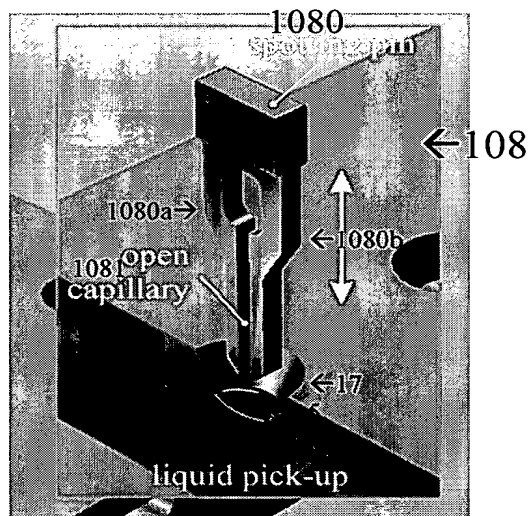
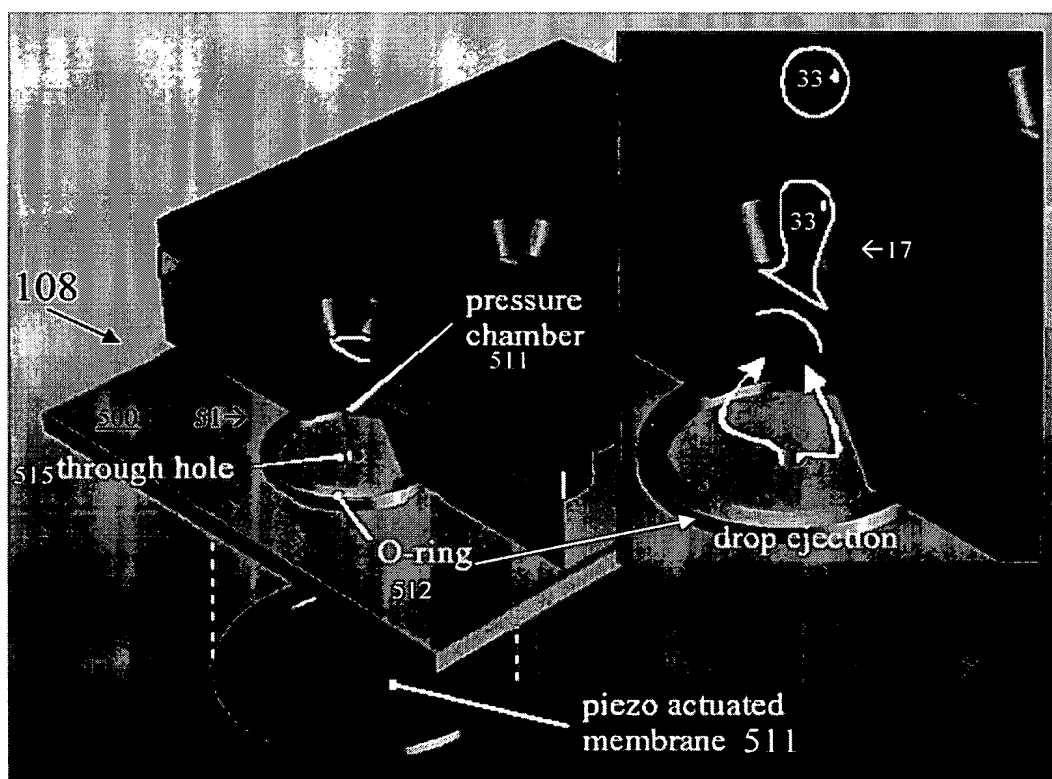


FIGURE 12G

FIGURE 12E

FIGURE 12F



New Application

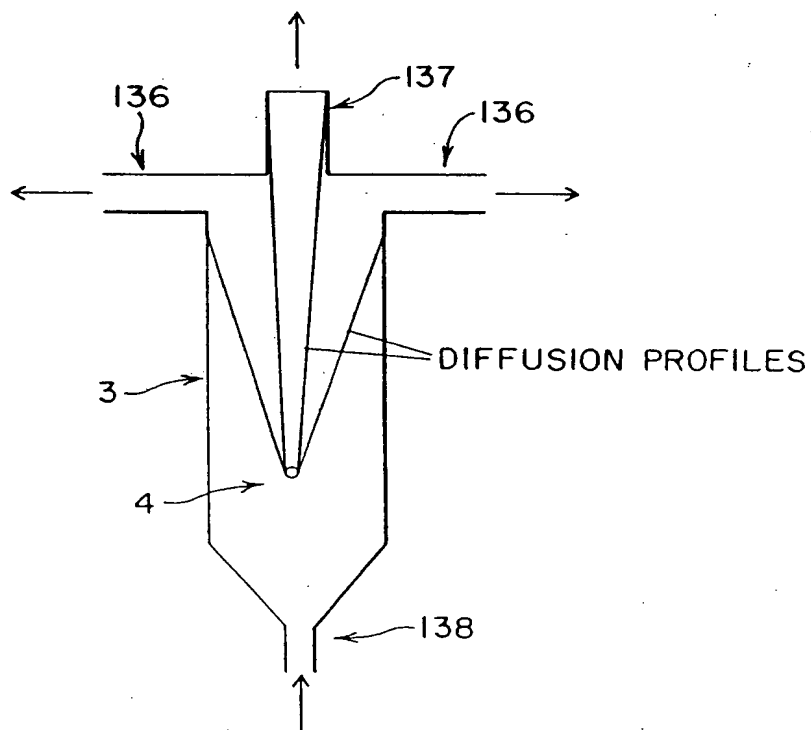
Assignee: Teragenics, Inc.

Docket No.: TGZ-001ACP2

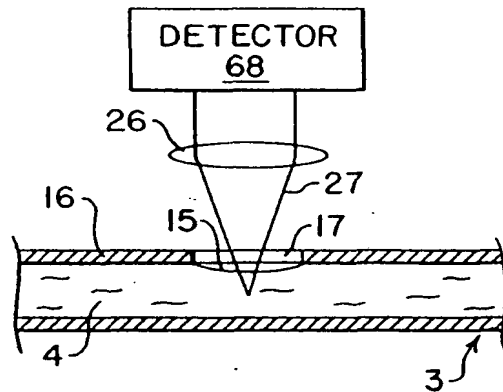
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Express Mail Label No.: EV355386750US

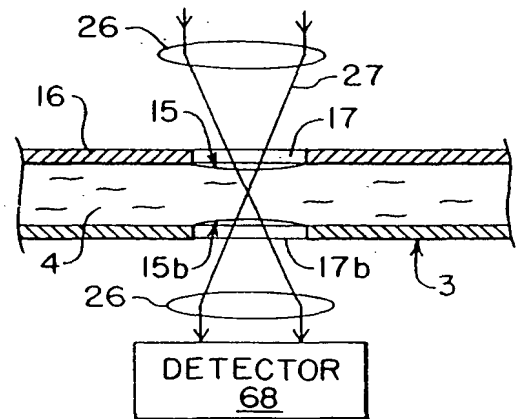
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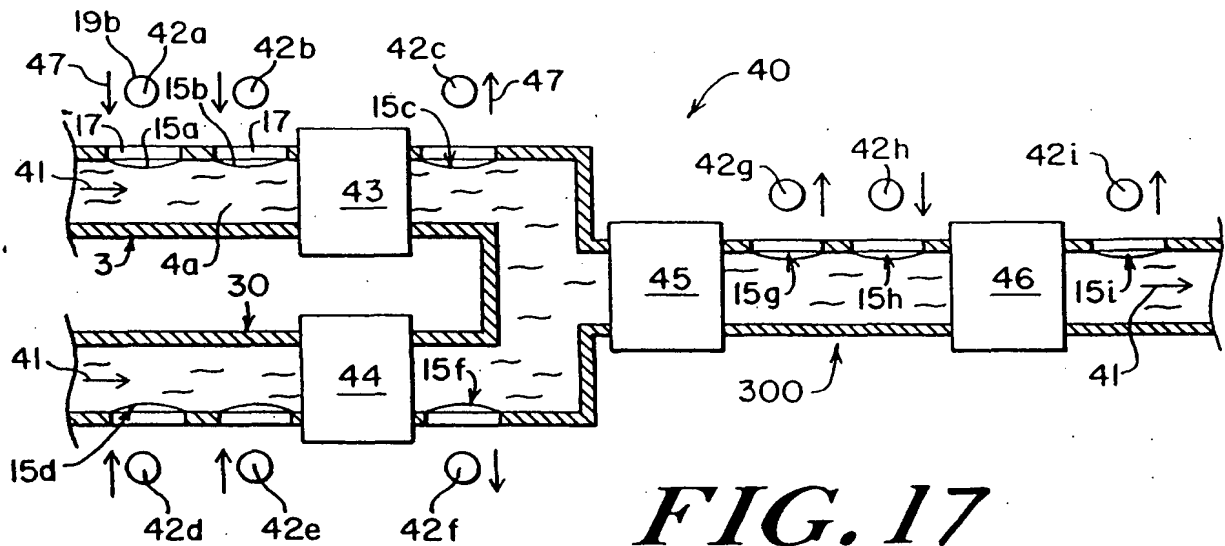
***FIG. 14***



**FIG. 13A**



**FIG. 13B**



**FIG. 17**

FIGURE 15A

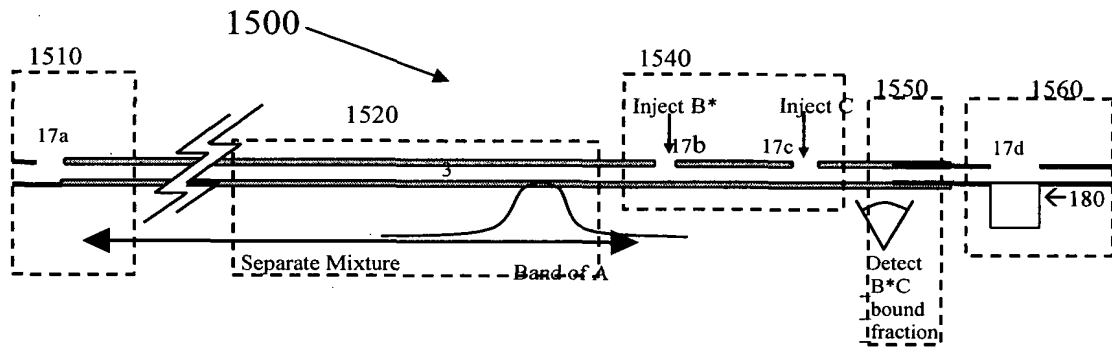


FIGURE 15B

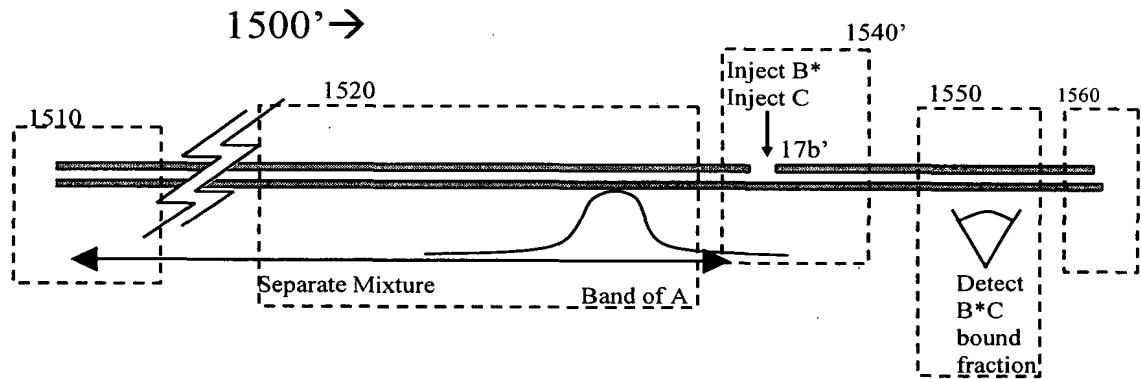
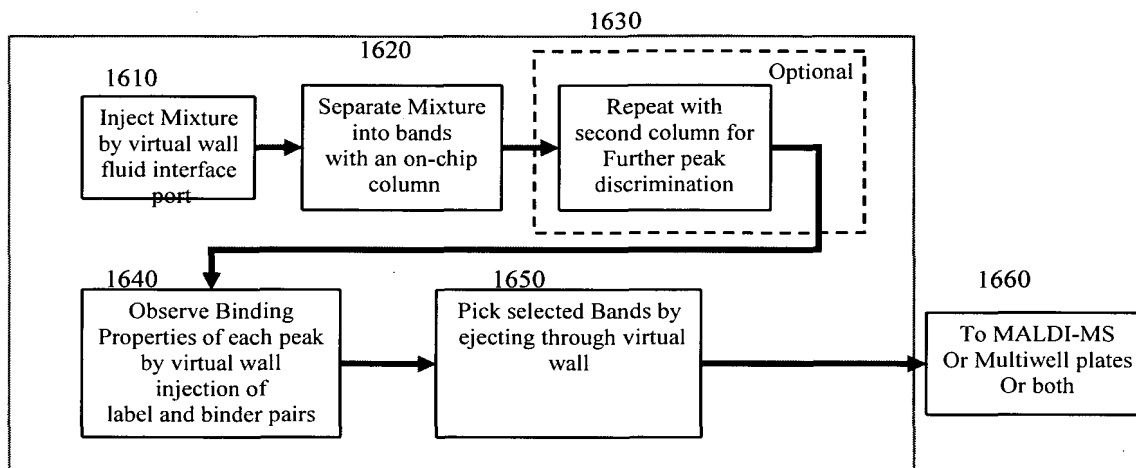
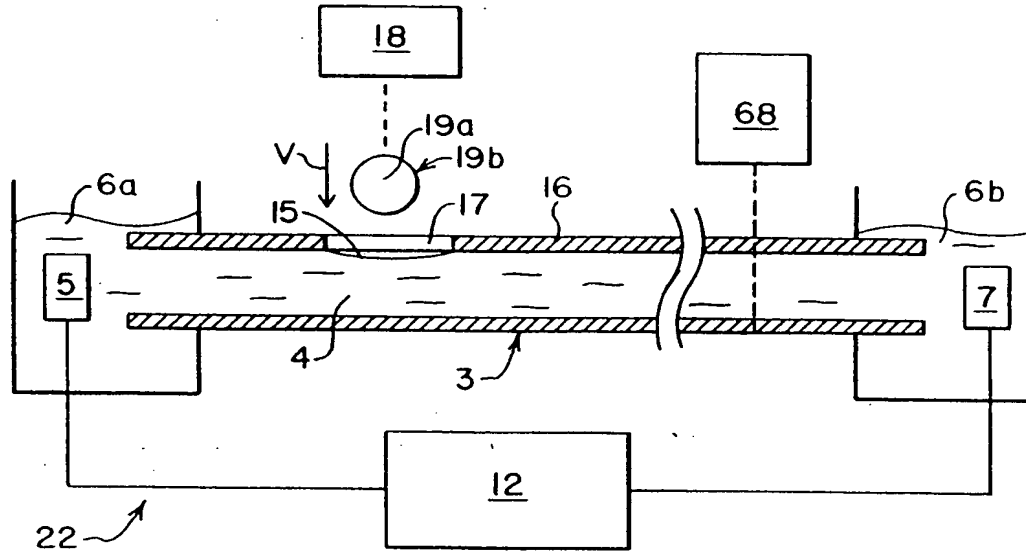
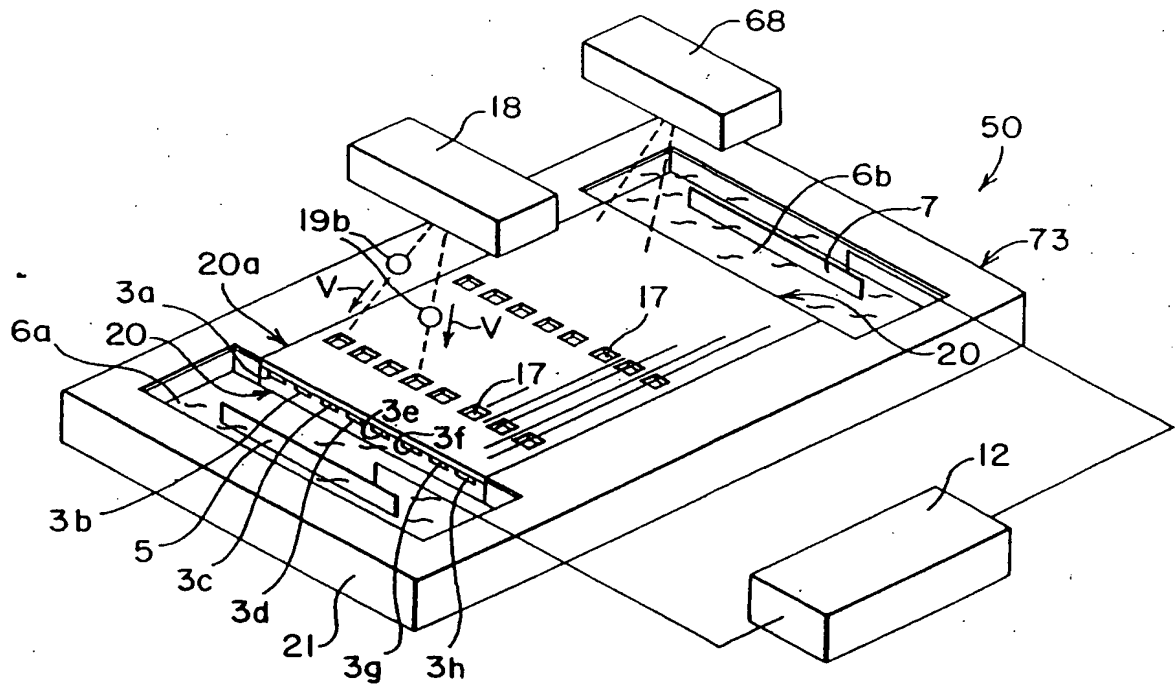


FIGURE 16

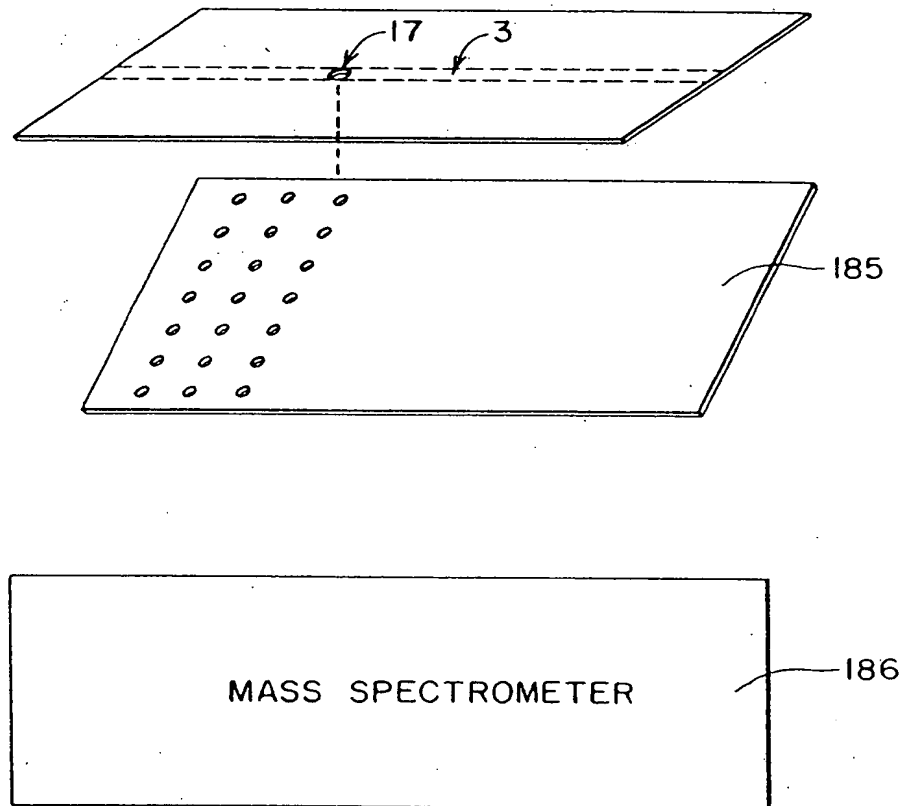




**FIG. 18**

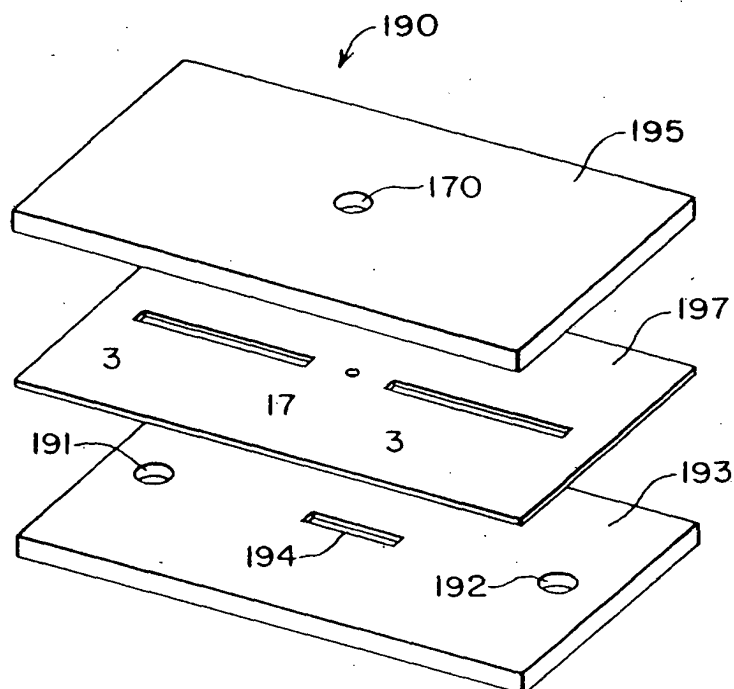


**FIG. 19**

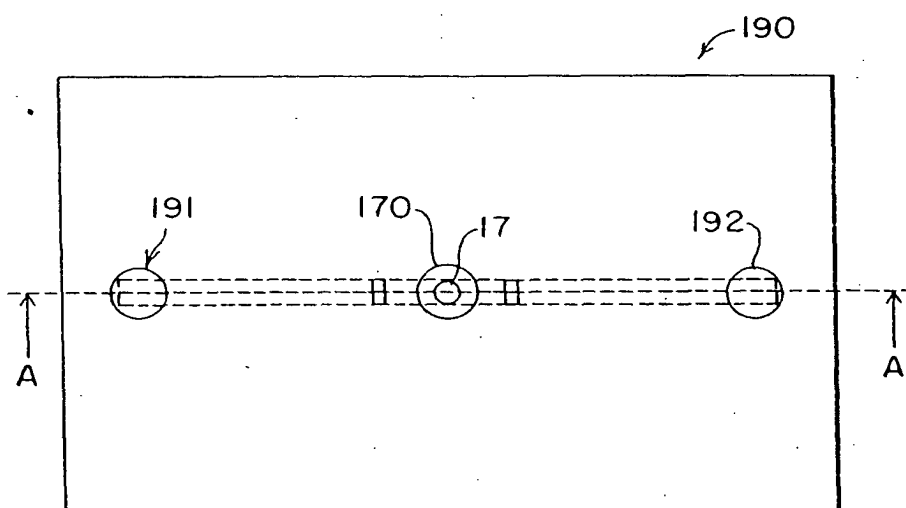


***FIG. 20***

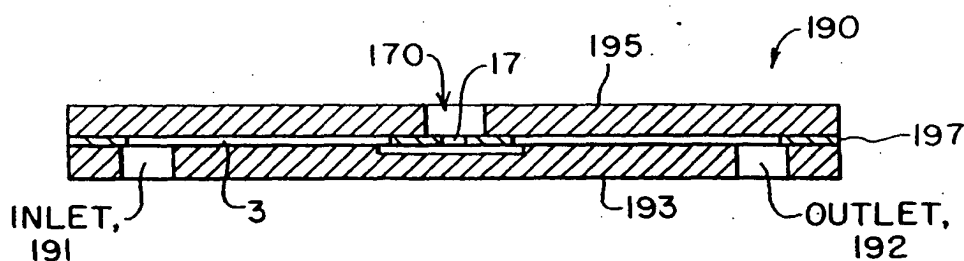




**FIG. 21 A**

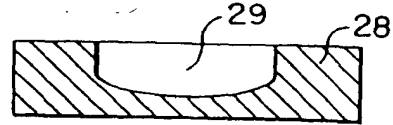


**FIG. 21 B**

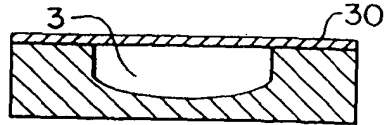


**FIG. 21 C**

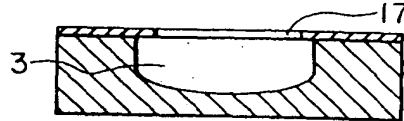
**FIG. 22A**



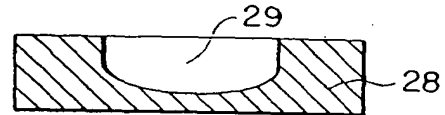
**FIG. 22B**



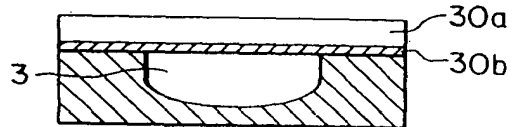
**FIG. 22C**



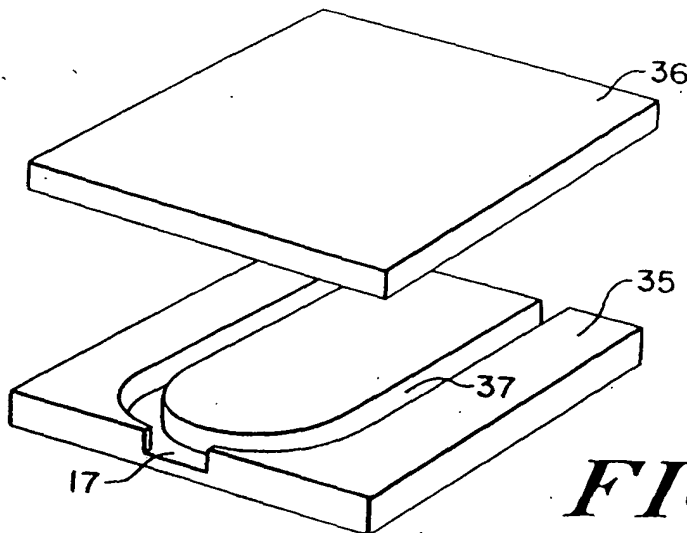
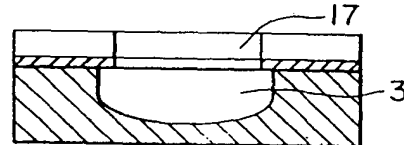
**FIG. 23A**



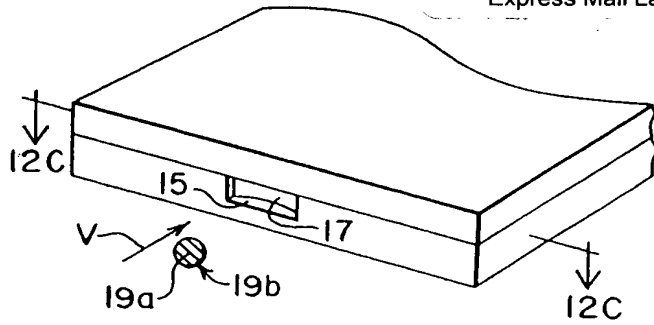
**FIG. 23B**



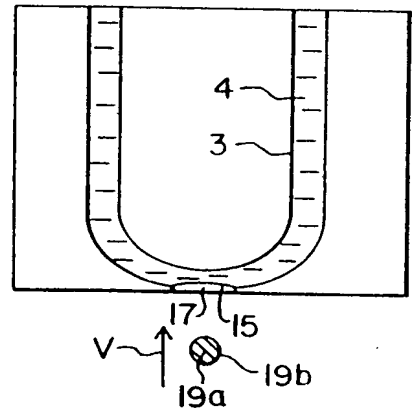
**FIG. 23C**



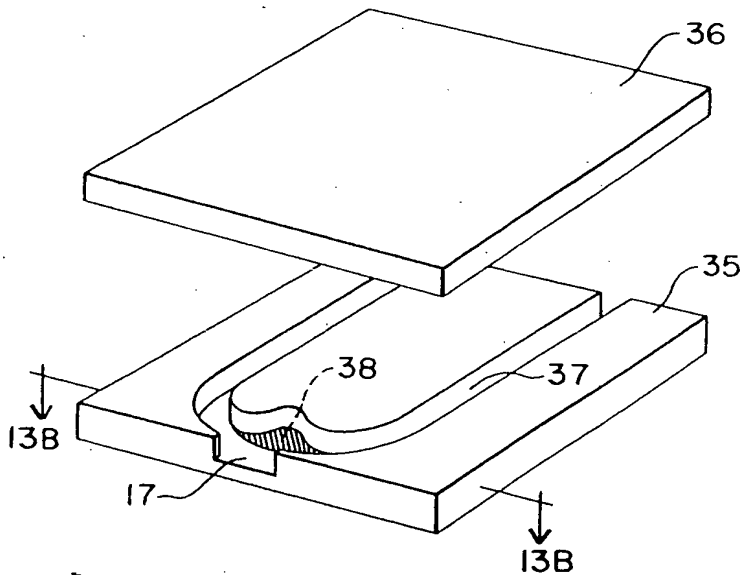
**FIG. 24A**



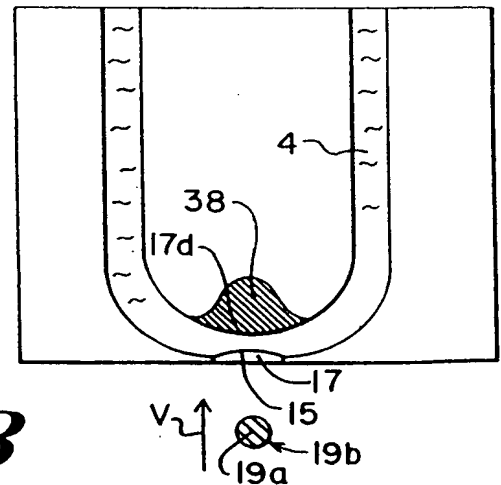
**FIG. 24 B**



**FIG. 24 C**



**FIG. 25 A**



**FIG. 25 B**